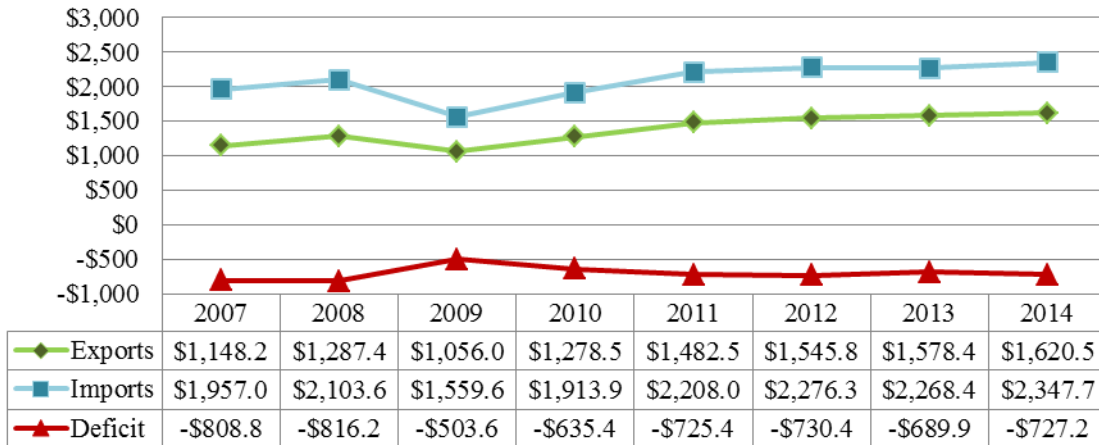


Statistics of 2014 U.S. Trade with the World

In 2014, the U.S. exports of goods to the world were \$1,620.5 billion, a \$42.1 billion (2.7%) increase from 2013; the U.S. imports of goods were \$2,347.7 billion, a \$79.3 billion (3.5%) increase; and the trade deficit of goods was \$727.2 billion, a \$37.3 billion (5.4%) increase.

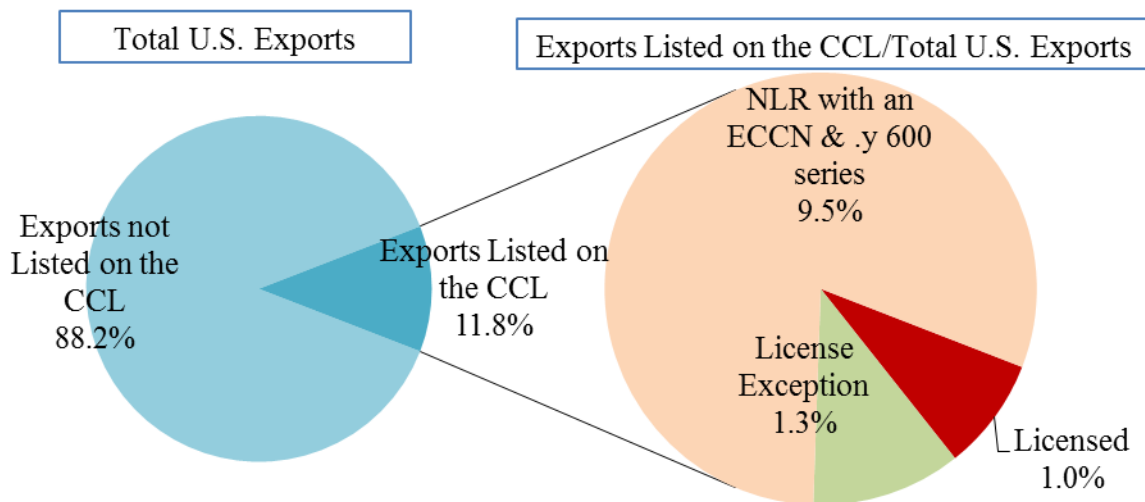
The U.S. Trade with the World 2007-2014
\$billions



Source: The U.S. Census Bureau Trade Statistics, July 2015

In 2014, only \$16.1 billion (1.0% of total exports) was exported under the license authorization of the Bureau of Industry and Security (BIS) of the U.S. Department of Commerce.

Impact of BIS Export Controls on the U.S. Exports 2014

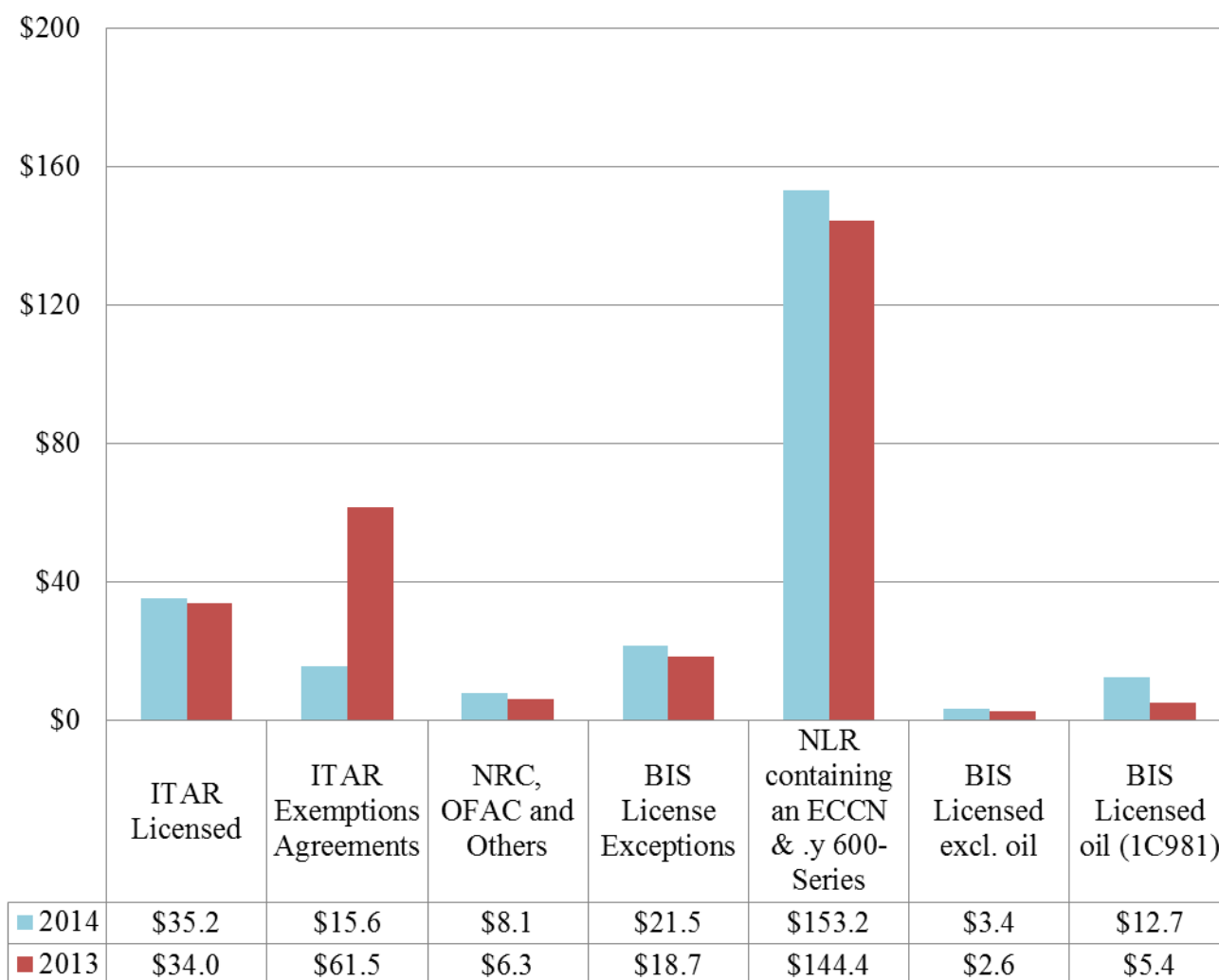


Source: The U.S. Census Bureau, Automated Export System, March 2015

Note: Exports not listed on the Commerce Control List (CCL) include EAR99 items not licensed, items under No License Required (NLR) where the ECCN was left blank, and exports regulated by other government agencies.

In 2014, \$59.4 billion (3.7% of the total U.S. exports) was exported under a government license; \$37.2 billion (2.3%) was exported with a government license exception/ exemption/agreement; and \$1.5 trillion (94.0%) was exported under the designation NLR.

The U.S. Government Controls on Exports 2013 - 2014
\$billion

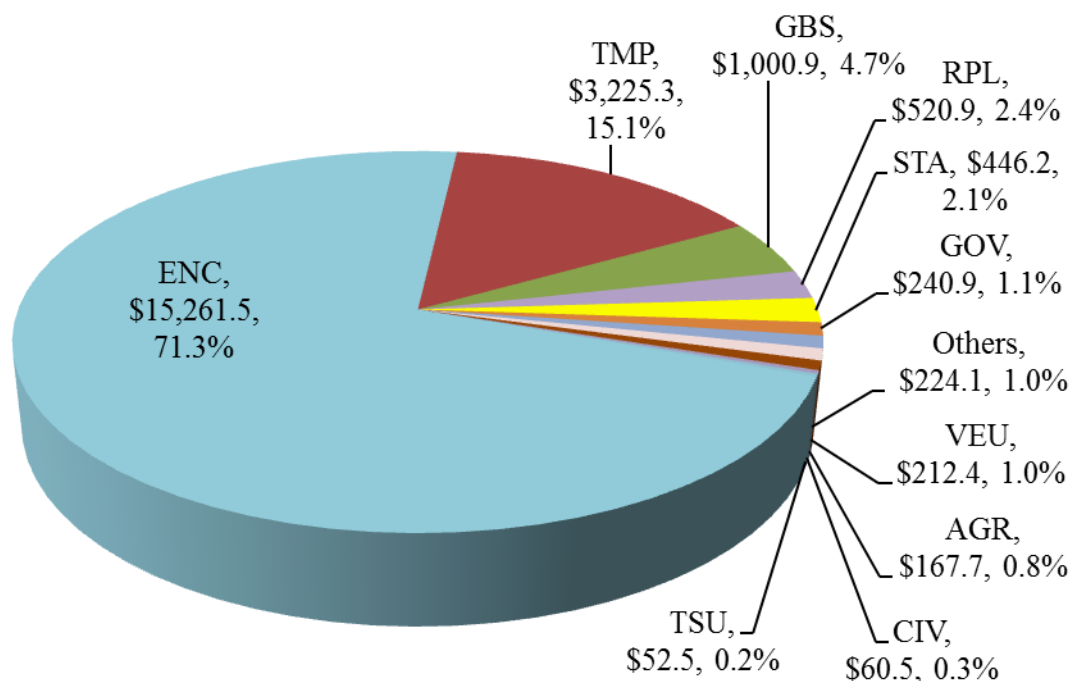


Source: Automated Export System, March 2015.

ITAR: International Traffic in Arms Regulation administered by the Directorate of Defense Trade Controls, Department of State
NRC: Nuclear Regulatory Commission
OFAC: Office of Foreign Assets Control, Department of Treasury

Of the \$21.5 billion of U.S. exports under BIS license exceptions, the largest categories of BIS license exceptions were Encryption Commodities, Software and Technology (ENC) at \$15.3 billion (71.3% of the total license exceptions), followed by Temporary Imports, Exports, and Reexports (TMP) at \$3.2 billion (15.1%) and Shipments to Country Group B countries (GBS) at \$1.0 billion (4.7%).

**2014 U.S. Exports by BIS License Exception
\$million**



Source: Automated Export System, March 2015

BIS License Exceptions:

ENC: Encryption Commodities, Software and Technology

TMP: Temporary imports, exports, reexports, and transfers (in-country)

GBS: Shipments to Country Group B countries

RPL: Servicing and replacement of parts and equipment

STA: Strategic Trade Authorization

GOV: Governments, international organizations, international inspections under the Chemical Weapons Convention, and the International Space Station

VEU: Validated end-user

AGR: Agricultural commodities

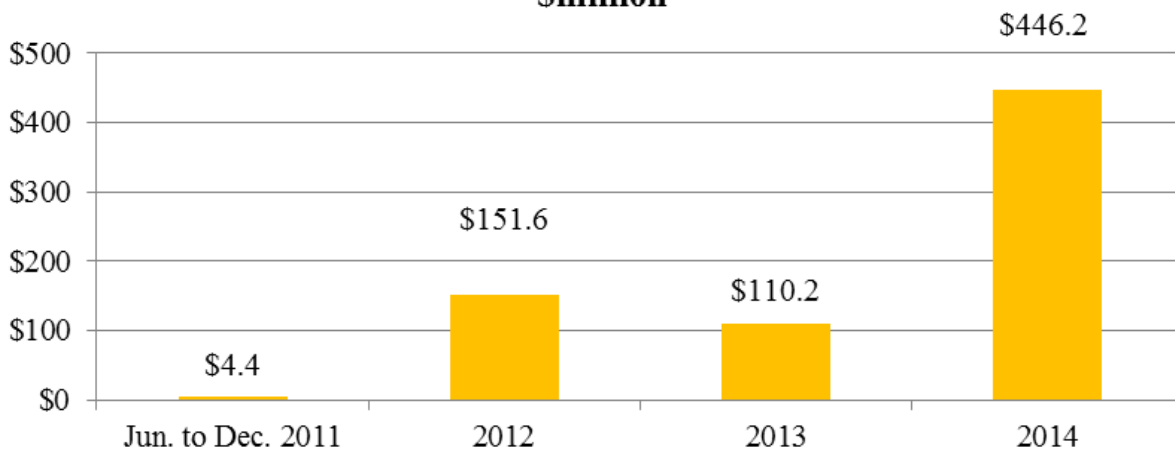
CIV: Civil end-user

TSU: Technology and software - unrestricted

Strategic Trade Authorization (STA)

In 2014, the U.S. exports under Strategic Trade Authorization (STA) were \$446.2 million, four times the value of 2013 STA exports. STA became effective in June 2011.

U.S. Exports under BIS' Strategic Trade Authorization 2011 - 2014 Smillion

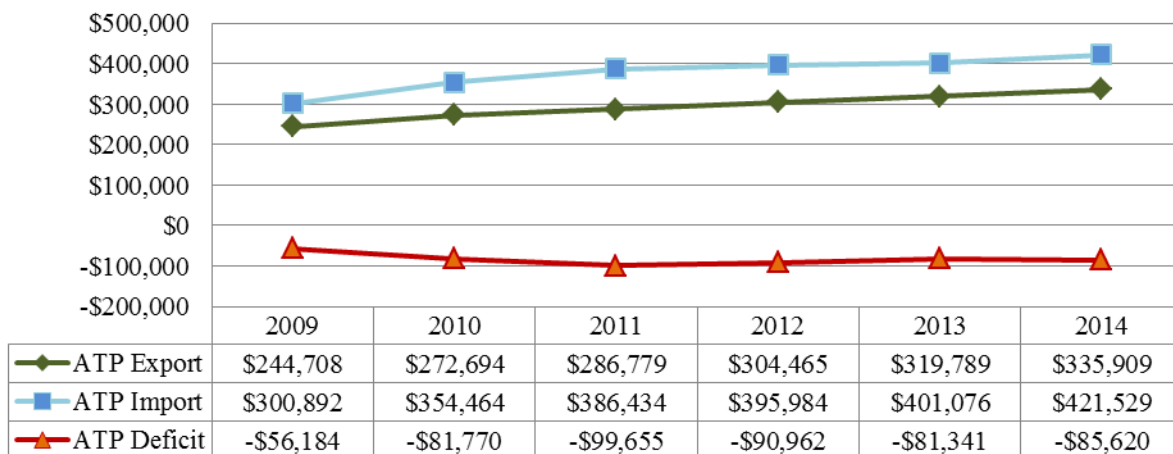


Source: Automated Export System, March 2015

Advanced Technology Products (ATP)

In 2014, the U.S. Advanced Technology Products (ATP) exports valued \$335.9 billion, a \$16.1 billion (5.0%) increase from 2013; the U.S. ATP imports were \$421.5 billion, a \$20.5 billion (5.1%) increase; and the ATP trade deficit was \$85.6 billion, a \$4.3 billion (5.3%) increase.

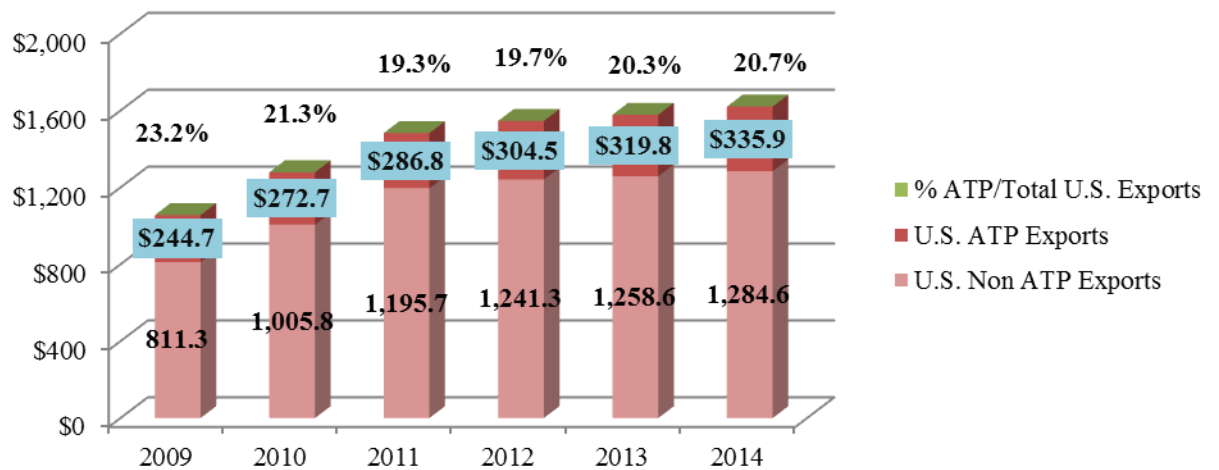
U.S. ATP Trade with the World 2008 - 2014 Smillion



Source: The U.S. Census Bureau Trade Statistics, July, 2015

Advanced Technology Products (ATP) - Approximately 500 of some 22,000 Harmonized System commodity classification codes contain products from ten recognized high technology categories (e.g., biotechnology, aerospace).

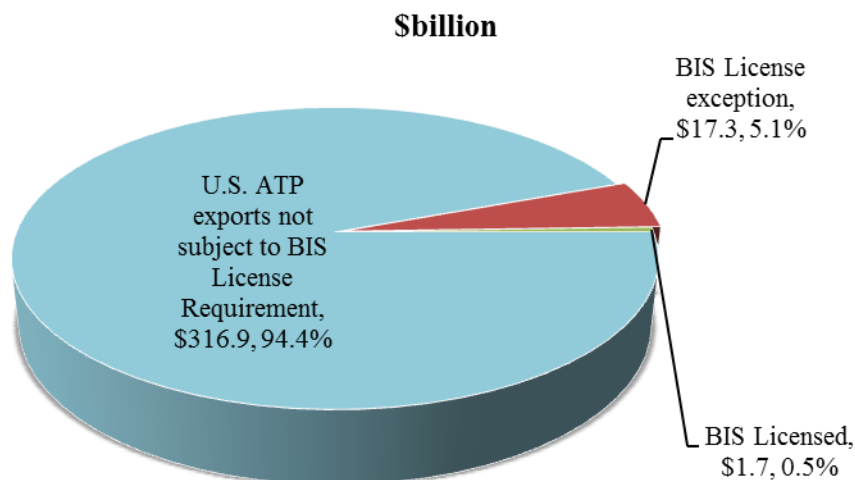
U.S. ATP and Non-ATP Exports 2009-2014 \$billions



Source: The U.S. Census Bureau Trade Statistics, July 2015

In 2014, the U.S. ATP exports were \$335.9 billion (20.7% of all U.S. exports). Of these, \$1.7 billion (0.5% of the total ATP exports) was shipped with a BIS license; and \$17.3 billion (5.1%) was shipped under a BIS license exception.

2014 U.S. ATP Exports by BIS License Type



Source: The U.S. Census Bureau Trade Statistics and Automated Export System, March 2015

2014 U.S. Exports by ECCN and License Designation

<i>Top Four ECCNs by Export Value – Licensed (\$millions)</i>	
ECCN	Description
1C981	Crude petroleum
9A610	Military aircraft and related commodities
3B001	Equipment for the manufacturing of semiconductor devices or materials
1C350	Chemicals that may be used as precursors for toxic chemical agents

<i>Top Four ECCNs by Export Value - License Exceptions (\$million)</i>	
ECCN	Description
5A002	"Information security" systems, equipment and "components"
N/A	No ECCN reported
3B001	Equipment for the manufacturing of semiconductor devices or materials
9A610	Military aircraft and related commodities

<i>Top ECCNs by Export Value – NLR with an ECCN (\$millions)</i>	
ECCN	Description
9A991	"Aircraft" and gas turbine engines and "parts" and "components"
5A992	Equipment not controlled by 5A002
4A994	Computers, "electronic assemblies" and related equipment
5A991	Telecommunication equipment not controlled by 5A001

Source: Automated Export System, March 2015

Summary of U.S. Exports to the World Calendar Year 2014			
\$million			
Description	Value	Percentage of Total	
Total U.S. Exports	\$1,620,532		
Total U.S. ATP Exports	\$335,909	20.7%	
Detailed Summary of EAR-Controlled Exports			
	Value	Percentage of Total	Percentage Description
Crude Oil	\$12,728.1	79.1%	
Licenses, excl. crude oil	\$3,237.9	20.1%	
SCLs	\$117.7	0.7%	
Total of Licensed	\$16,083.7	1.0%	Total Licensed/Total Exports
LVS	\$15.6	0.1%	
GBS	\$1,000.9	4.7%	
CIV	\$60.5	0.3%	
TSR	\$11.3	0.1%	
TMP	\$3,225.3	15.1%	
RPL	\$520.9	2.4%	
GOV	\$240.9	1.1%	
GFT	\$0.5	0.002%	
TSU	\$52.5	0.2%	
BAG	\$0.3	0.001%	
AVS	\$57.1	0.3%	
TAPS	\$85.0	0.4%	
ENC	\$15,261.5	71.3%	
AGR	\$167.7	0.8%	
APP	\$52.2	0.2%	
SS-WRC	\$2.2	0.01%	
SS-SAMPLE	\$0.0	0.0001%	
VEU	\$212.4	1.0%	
STA	\$446.2	2.1%	
Total of License Exceptions	\$21,413	1.3%	Total License Exceptions/Total Exports
		57.1%	Total License Exceptions/Total Subject to License Requirement
Requirement (Licensed and License Exceptions)	\$37,497	2.3%	Total Subject to License Requirement/Total Exports
NLR containing an ECCN	\$153,076	99.9%	
.y 600-series	\$125	0.1%	
Total of NLR with an ECCN & .y 600-series	\$153,201	9.5%	Total NLR with an ECCN & .y 600-Series/Total Exports
Total listed on the CCL (Licensed, License Exception and NLR with an ECCN & .y 600-series)	\$190,697	11.8%	Total Listed on the CCL/Total Exports
		8.4%	Total Licensed/Total Listed on the CCL
ATP Licensed	\$1,701	0.5%	ATP licensed/Total ATP Exports
ATP License Exceptions	\$17,264	5.1%	ATP license exceptions/Total ATP Exports
Total ATP Exports subject to License Requirement	\$18,964	91.0%	ATP license exceptions/Total ATP exports subject to license requirement
Source: U.S. Census Bureau Trade Statistics and Automated Export System			